

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: Hank Kohl K8DD <k8dd@sun.tir.com>
Subject: [1245] "Making Sense of 40 Meters
Message-ID: <9512121228.AB02177@tir.com>

The January QST, page 9, has a great editorial about 40 meters and the problems with that band. It is also, from the best of my memory, the first time that the ARRL has put QRP into "The Considerate Operator's Frequency Guide", page 104.

With all the different activities on 40 meters (broadcast, SSB, RTTY, packet, QRO CW, etc) it is kind of like driving a VW bug on the LA freeway with all the big cars, trucks, semi's, etc, and successfully picking your way through the mess.

*/ Hank Kohl K8DD k8dd@tir.com
*/ MI-QRP QRP-ARCI G-QRP NorCal
*/ ARRL/LM QCWA/LM QCAO/LM

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: PAT DOYLE <DOYLEPS@LAKEHURST.NAVY.MIL>
Subject: [1246] 6M QRP -Reply
Message-ID: <s0cd3347.071@LAKEHURST.NAVY.MIL>

Hamtronics in New York has a number of TX and RX transverter kits. I am not sure about TCVR transveter kits. They are a little pricey by comparison. Check out 73 magazine for their ad.

73,
Pat, KA2GSL

>>> John T. Croteau <jt@comsol.org> 12/11/95
09:35pm >>>
I want to start some QRP HB/KIT projects for 6 Meters. Anyone know of any decent 6M Transverter and/or Transceiver schematics/kits?

I notice T-Kits now has a 6M Transverter based upon a 14MHz IF but it is limited to transmitting only between 50 and 52Mhz? I would like to find something that covers the entire band both on TX and RX.

Thanks!

John T. Croteau - A.R.S. KA1VIX Linux
and Small HomeBrewed QRP
From Beautiful Minneapolis, Minn.
Station and Proud of it!

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: km@PACT.ORG.PE (Kris Merschrod)
Subject: [1260] 80 meter net
Message-ID: <m0tPa0E-0000MSC@rcp.net.pe>

Paul,

sounds like a challenge & fun.

Assume 10 PM 4-land time on Sundays?

Kris
OA4DB0

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: Geoffrey Geduld <ggeduld@frontier.canrem.com>
Subject: [1256] 80 meter net a success
Message-ID: <121295.184943.60155@frontier.canrem.com>

This is my first time on the net, so hope I'm not intruding --- but inspired
by N3G0/Gary.

How about QRPers being known as Hobbits? Friendly little creatures of the
under powered world!!!! (Known to be exercising their "hobbi").

de VA3GEG / Geoff in Toronto, Ontario

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: "rohre" <rohre@arlut.utexas.edu>
Subject: [1253] Another source of Arco trimmer caps
Message-ID: <n1393354764.96430@msmailgw1.arlut.utexas.edu>

A firm called CCI advertises TV boards in the backs of the ham magazines like 73.

This small ad has also shown Arco caps, and they have some of the Mororola tech note type RF amplifier boards with which these are used; thus, you might check them out.

I don't remember who was looking for these, but we all use them from time to time.

72, Stuart K5KVH

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: SYDV00A@prodigy.com (MR FLOYD E SMITHBERG)
Subject: [1250] FOX de NQ7K de NQ7X
Message-ID: <013.06593146.SYDV00A@prodigy.com>

Condx were really off last nite but several of the local scQrpions were on. Mike (NQ7K the FOX) was on 7110 til 0330 and I worked him there at 0314 with my TS930 @5W (my 40A only goes to 7050). Then worked him again on 7040 at 0437 with my 40A @2W, 599 both QS0s. Course it's only 15 miles. But scQRPions KC7NEV, KJ7EY, NQ7X were on to keep Mike awake. Tnx Mike.

Floyd, NQ7X

ARCI NORCAL G-QRP ETC

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: torell@sicom.com (Kent Torell)
Subject: [1247] Fox voyeur :-(
Message-ID: <v02130500acf341874ad0@[192.91.202.41]>

A quiet and dead nite; monitoring 7.040 while I sorted books. Nobody around, and then at 345 UTC CQ FOX de NQ7K..... wow! It's fox nite! Poor Mike; nobody was answering his calls, and the best I could get was a QRZ? Called up a KC7NEV and told him the fox was on; he said Mike lived 4 miles away from him, so at least he got a groundwave contact! For a few

minutes the Texas propagation machine was turned on, and it sounded like a mini-pile up, then they all disappeared. WD4MPS in Birmingham tried for 15 minutes before he held up enough to complete a call just before 400 UTC.

Maybe next time (yeah, sure!)
KJ7EY

Kent Torell torell@sicom.com 602-483-2867
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

From qrp-l@lehigh.edu Wed Dec 13 03:07:00 1995
From: Michael Connor <mikec@primerenet.com>
Subject: [1258] FOX: The Good, Bad, and the Ugly
Message-ID: <199512121928.MAA29358@usr1.primenet.com>

Gang,

What an interesting evening...

Things started out well enough; got home plenty early, checked the antenna, rig, all systems go. Tuned up the OHR, band sounds kinda weird, but its early, right? 0300 comes along, call CQ, fellow AZ ScQRPion member Floyd NQ7X comes back, off and running! Call CQ, nuttin...Call some more, more nuttin...Hmmm...It would be over an hour before my next contact with Bob, AK5B coming in STRONG. Couple minutes later Henry, W5HNS comes pounding in. Thought the band was changing for the better but was not the case. Worked a couple of the local guys before Larry, KA5T came in and practically knocked me off my chair. I'm convinced these Texas guys have pooled their resources and come up with their own F layer of the ionosphere, you always hear 'em good. Perseverance award of the night has to go to WD4MPS, Gene, in Birmingham, AL. I heard him call 3 times over the 2 hour period but the noise ate him up. Right at 0500 we managed to exchange name,rst,qth. Good work Gene, I was rootin for you.

To top it all off, the keyer in the OHR quit partway through the evening.

Had to plug the Bencher into the manual key jack, put the Bencher on its side and tap out straight key style.

Pretty dissapointing performance, wish the band woulda been better, but still had a high fun factor. There's always next time.

Time	Call	Sent	Rcd	
0308	NQ7X	59	57	Floyd, AZ
0425	AK5B	57	55	Bob, TX
0427	W5HNS	57	57	Henry, TX
0435	KC7NEV	59	59	Joe, AZ
0438	NQ7X	59	59	Floyd, AZ Norcal rig

0455 KA5T 59 59 Larry, TX Loud
0500 WD4MPS 339 229 Gene, AL

72,
Mike
NQ7K

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: "rohre" <rohre@arlut.utexas.edu>
Subject: [1252] FW: Tube QRP, Arco caps, Crystal sets
Message-ID: <n1393355429.57962@msmailgw1.arlut.utexas.edu>

M M Ali asked about tube sets and this is also a crystal set vendor as well as parts.--Stuart

From: rohre on Tue, Dec 12, 1995 11:12 AM
Subject: RE: Tube QRP, Arco caps, Crystal sets

M. M. Ali and Dr. Rick and the group, re remembering tube and crystal set QRP--

OH YES. And 6AQ5 sandwich box transmitters with crystal Pierce or Colpitts oscillator, and regen receiver with a 6J6. There are a number of low power rigs available for the tube interested from Antique Electronic Supply, 6221 S. Maple Av , Tempe Arizona, 85283. Their FAX number is (602) 820-4643, phone is 820-5411. Most are receivers or accessories, but there is one wireless transmitter like used with old phonographs that could be adapted to higher bands using the 6V6, I believe.

They stock a 40-500 pf Arco type trimmer cap. Someone asked about this recently.

They also have crystal set books, like "All About Crystal Sets" by Charles Green at \$10.50 cat. no. B-325. Another crystal book is "Radios that Work for Free" by K. E. Edwards, cat. B-341 and price \$8.50. Also, B-673: "Crystal Set Handbook" by Philip N. Anderson, at \$10.95. There are a couple volumes on commercially produced crystal sets from the earliest days of radio to 1955 or later.

I have no connection with the place, but just visited Saturday morning while on vacation, and it is a huge warehouse of NOS and new old radio parts and tubes. The catalog is full color covers with a radio test bench and the cover is available as a Poster as well as other posters on the history of Radio, etc.

Ob QRP: Several tubes would be useful in almost identical Pierce or Colpitts

oscillator circuits for QRP 80, 40, and perhaps with a tripler stage even 15 Meter operation. All the RF chokes, and electrolytics and power supply parts and even sockets and 5 pin coil forms are also stocked by this store, so send for their catalog; prices are reasonable for this type of item. Minimum order in U. S. A. is \$10, out of country \$25.

73,
Stuart K5KVH
rohre@arlut.utexas.edu

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: ali@ns2.emirates.net.ae (M M Ali)
Subject: [1249] HELP.
Message-ID: <9512121606.AA06903@ns2.emirates.net.ae>

Anyone board who remembers the good old days of the vaccum tube, 6V6, 807 TX

73 De M M Ali
M M Ali
IT Centre
Emirates Airlines
Box 686 Dubai
UAE

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: "M. Limtiaco" <limtiaco@u.washington.edu>
Subject: [1263] QRP Rigs & Station Accs. FS
Message-ID: <Pine.A32.3.91j.951212134708.71807B-100000@homer17.u.washington.edu>

FOR SALE:

Oak Hills Explorer 30 meter xcvr. 2.5 watts, RIT, filter. Excellent condition, with all documentation - \$40.

NW8020 40 meter xcvr. As aligned, covers 7.020 - 7.075 MHz, but can be shifted lower if needed. Built from kit: 5 watts, RIT, built-in speaker, in Radio Shack enclosure. With all documentation - \$40.

Astron RS-4A 13.8V, 4 amp power supply. Excellent condition - \$35.

Oak Hills WM-1 QRP Wattmeter. 100 mw to 10 watts in three switched ranges. Excellent condition, with all documentation - \$50 OBO.

MFJ-901B antenna tuner. Basic model, no SWR/wattmeter or dummy load. Excellent condition, with instruction sheet - \$35.

Regency EC-175 175 MHz frequency counter. Older model, good condition. With manual - \$40.

Radio Works Carolina Windom/2 antenna, for 40-10 meters including WARC. Needs tuner for proper operation. With all documentation - \$40, or will sell with MFJ tuner above for \$70.

GAP Titan DX vertical antenna. 25' tall, 80-10 meters, no tuner necessary, no radials required. Purchased last May and used only three weeks. Excellent condition, completely disassembled. With all documentation, \$150 OBO. If within an hour and a half of Seattle area, will deliver - otherwise UPS.

Various QRP & other books: QRP Notebook, Antenna Notebook, Easy-Up Antennas, Wire Antenna Handbook, Getting Started in QRP, QRP Classics. \$25 for all.

Experienced ham getting out of hobby - not enough time to enjoy it anymore. Will sell all above as package deal to any interested parties - name a fair price.

Please Email to: limtiaco@u.washington.edu

73s - N7DUB

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: HARKINC@aol.com
Subject: [1261] RAC Code Boy, Mondays fox hunt
Message-ID: <951212150008_71022825@mail02.mail.aol.com>

Just a note from the east coast abt mondays fox hunt...
I heard a few guys working the fox (at least calling him) but couldnt pull him out at all.
While I was waiting around I worked an F3...guess the prop was going the "other way"!

Any of you guys using a "Code Boy" from Radio Adventures? I ordered one yesterday,

it looks like a kit I can handle (two left thumbs). Any advice? It seems to have all the features a qrp'er wud want - especially LOW power requirements... Here comes 5000 extra HB points...

Randy, WJ4P
Charleston, SC

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: jps@kodak.com (John P. Spoonhower)
Subject: [1248] source for caps
Message-ID: <9512121553.AA11704@lumi.Kodak.COM>

Guys, I'm looking for a source of either polystyrene or polycarbonate caps.....either .33 or 1.0 mf. Can someone help me out with this?

.....
I found the discussion on homebrew vs. kit humorous at first and then just plain tiring. I'm basically in the "homebuilt" camp. I mean what are you gonna do with someone like me who has homebrew (ugly boards of my own design) stuffed inside a TT Argosy? Create a new catagory?..... These never ending distinctions are the main reason I work stations in various contests, but never send in any logs. My so-called real-life is competitive enough; I don't need to ruin what little relaxation I get via ham radio.

72, john, kc2du

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Subject: [1244] TS 130V mods
Message-ID: <21980.818741887@safety.ics.uci.edu>

Anyone fiddle much with the 130V? I have recently snagged one, and I like it a lot. No QSK, but it has everything else I like in a radio.

I have put in an extra filter, so that the standard SSB filtering is now 16 poles (2 x YK88S), but removed the two little one pole ceramic filters just before the Noise Blanker input to insert the second filter. This way, the filter is not in the transmit line, and it also functions in CW, so that CW selectivity is determined by the single YK88S at 2.4 bandwidth, and the CW filter that is switched in is 270 cps. It is really fine.

My problem is that the noise blanker is now nonfunctional, of course, since the filter round off the noise pulses. Anyone go through this? Where did you reinsert the noise blanker input and output?

Also, anyone ever get extra of those little Kenwood RG 174/U connector cables with the little coax bayonet connector or the two pin board connectors? I am making due, but cannot find the connectors on sale anywhere here, may need to go to Kenwood. Just thought I would ask here.

Hmmmm....my keyboard just lost the key for the last letter of the alphabet, hence my funny denotation "cps", by the way. Wonder if I can repair that?

Clark
WA3JPG

From qrp-l@lehigh.edu Wed Dec 13 03:07:00 1995
From: Stan Skelton <sskelton@cln.etc.bc.ca>
Subject: [1254] xtal radios...
Message-ID: <Pine.3.89.9512120950.A2342-0100000@sparky>

OKto all who expressed an interest in this, I'll post a few details to both QRP-L and GLOWBUGS...(I hate it when I see a message that expresses thanx to everyone who responded privately to something I am interested in, and missed out on)...

Subject: XTAL RADIOS...Source "Electronics Handbook" volume XVII, Page 47...."Build A World War II Foxhole Radio" by Lance Borden, WB5REX
Parts...cardboard toilet paper role (empty, duh)
.....razor blade (blue is best but a rusty steel one is ok, blue ones are "PAL Super Single Edge" by American Safety Razor Co.
.....one wire coat hanger
.....#22 AWG wire (enough for 100 turns around the TP tube)
.....headphones (high ohm set is best (4000-2000)
.....large safety pin and #2 pencil lead (detector)
.....asst glues, lacquer etc to finish & hold stuff to the base

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                                | Razor/detector
Ant.--0-----0---|<-----0-----> headphones
                   |                               (hi impd.)
                   )
                   ) tuner/slider
coil)-----0-----> headphones
100t)                               |
```

) |
) gnd

The instructions are pretty simple...wind the coil and spray or paint it with lacquer or something to set it firmly...scrape the paint or varnish off the wire hanger and use it as the tuner/slider...spread the safety pin apart and bend the head to 90 degrees to use it as a base to screw the pin to the base board, the pin then sticks up to its 2 turns then down to the point where the pencil lead is attached (by wrapping it with #22 wire) to become the detector which touches the razor blade....use sandpaper to remove the varnish from the coil wire where it will be touched by the tuner/slider..

There is a deluxe set described that uses a battery, a tuning cap, a germanium diode etc to "soup it up" but that's not authentic....

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>
Subject: [1259] Re: 10 meter contest
Message-ID: <52191.owen@apollo.eeel.nist.gov>

In message Sat, 9 Dec 1995 17:48:25 EST,
k7yha@ix.netcom.com (Richard H. Arland) writes:

> You wrote:

>

>> Is my antenna broken or is there no propagation on ten meters? I have
> tuned up and down the dial on both CW and SSB and heard only one
>>station clearly. The best contact I have gotten so far was "SRI NO
> CPY".

>> Regards,
>> Peter N2KPY
>>
>>

> Believe me....your antenna is fine. I have been at this all day and
> have made a massive 34 Qs and about 1500 pts. K3RJ has no
> receiver....he and several others can't seem to copy anybody but the
> LOUD QRO types.

>

> I am giving up in disgust. Last two years I have taken top in EPA for
> QRP mixed mode (pathetic scores aside...) but this year I am not
> wasting my time any more on this contest.

>
> C U guys on the 10 mtr contest in 1998 or 99.

>
> 72/73 rich

>
The band wasn't THAT bad guys. However, I must admit with the propagation conditions that existed this was NOT a qrp contest. In fact if you wanted a reasonable number of stations in the log, about 100 watts was the minimum. My final tally was 310 QSO's and 54 mult's and I really had to scramble for many of those. However almost anyone with at least a dipole should have HEARD many QRO stations. About 75% of the stations I worked were at a signal level of 1uv or less and I must assume that these stations were running at least 100 watts output. As you can calculate if the same station went QRP (about 13db less) he would be in my noise level and I would never hear him. On my receiver it takes about 2uv to move the S-meter and 75% of the stations didn't move it. I looked over my results of 10-11-12 years ago (before the contest) and estimated this would be a 300 contact year. I wasn't far off. However with 10 meters you have to be there all the time tuning the band. Propatation can change suddenly and it did. Sunday from noon until 45 minutes before the end I worked about 25 stations then at 2315Z the band opened to the southwest with very strong signals to TX,LA,GA,OK etc and in that 45 minutes I worked about 30 stations and 5 new mult's. Sat morning from about 1400Z-1700Z the ZS's in South Africa were very strong and I worked 10-12 of them, Sunday they were there from about 1600Z-1700Z and were weak. However the LU's were strong and I picked up 35 if I remember correctly. I tried to listen for the very weak stations and I did work several signing QRP but most were local. Next year should be about the same as this year but we should be on the up-swing and you never can tell with 10 meters. It could be MUCH better or MUCH worse. BTW for the record the following is what I used for the contest DRAKE R4C/T4XC/FS4 driving an Ameritron AL80 with 800 watts out to a 4ELE monoband yagi at 47 feet. This gives an ERP of about 8KW and I STILL had trouble working some stations I could easily hear, go figure. 72/73 Jim K4CGY QRP-1 #72 "but not for this one"

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: nu6u-1@w6trw.ampr.org
Subject: [1257] re: FOX de NQ7K de NQ7X
Message-ID: <5647@w6trw.ampr.org>

Well, not only did I miss the Fox, but apparently I missed the listing of who the Fox was going to be, and what time he was going to be on. Hmmm. Well perhaps it got drowned out by all the chatter about HB vs. KITS, or the data that one must wade through in order to find out about the FOX! Oh well, I did manage to work a local ten meter SSB contact (at 5 watts) with

a couple of local hams, so I guess I didn't miss out completely. And after all, There is always next week, and who knows, maybe the HB/KITS thing will have run it's course! Hey, two things to look forward to!

72's max (nu6u)

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: mjsilva@ix.netcom.com (michael silva)
Subject: [1255] Re: HELP.
Message-ID: <199512121739.JAA03380@ix13.ix.netcom.com>

>
>Anyone board who remembers the good old days of the vaccum tube, 6V6,
>807 TX

There's a new mailing list called "glowbugs" at theporch.com (same server as the boatanchor list), where such things are not only remembered but recreated! Come and join in the fun.

73,
Mike, KK6GM

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: David Speegle <dspeegle@dialin.ind.net>
Subject: [1262] Re: HELP.
Message-ID: <Pine.SUN.3.91.951212165339.8833A-100000@dialin.ind.net>

I cant say that I can, but if you have any interesting stories I would like to read them. Dave NE9F

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=====
| David Speegle           Email Alias: David.Speegle@dialin.ind.net
|
|
| 311 S West St.
|
| Argos, IN 46511
| Phone: 219.546.3848 FAX:
=====
```

On Tue, 12 Dec 1995, M M Ali wrote:

> Anyone board who remembers the good old days of the vaccum tube, 6V6, 807 TX
>
>
> 73 De M M Ali
> M M Ali
> IT Centre
> Emirates Airlines
> Box 686 Dubai
> UAE
>
>
>

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: W3HMS@aol.com
Subject: [1243] Re: New 80m net.
Message-ID: <951211220817_51462054@emout05.mail.aol.com>

I liked it too and 2200 EST is good for me. So will be QRP be when I can cut out the QRO rig. 72, John

From qrp-1@lehigh.edu Wed Dec 13 03:07:00 1995
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [1251] Re: Slow Digest Delivery
Message-ID: <95Dec12.112015est.14494-2+3@hooch.CC.Lehigh.EDU>

>Just this past weekend my digest started coming two days late, rather than next
>day. Is this permanent, or just a temporary quirk?
>If it's permanent, longer lead time on Fox announcements or anything else would
>be appreciated.

Bob & Gang,

Please check the "Received:" header lines on your digests. Each Mail Transport Agent (MTA) that handles the message should tack on a "Received:" line which includes the date/time and indicates when the MTA received the message. From this information you can tell where the delay is...but not why.

Unless the mailer here is unable to connect to your site, your digest should be delivered to your site within 10-15 minutes of when it is generated, which currently is around 2200 EST.

Jim N3VXI